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CONFERENCE REVEALS
IMPROVED SHIP STEAM ENGINES

SHIPBUILDING INSTITUTE HOLDS CONFERENCE -- Morakoy Flot, No 45, 7 Jun 49

A conference on ship steam engines recently took place in Nikolayev at the suggestion of the Shipbuilding Institute named Admiral S. O. Makarov and the local division of the Scientific Technical-Engineering Society of Shipbuilders. The conference was attended by representatives of plant planning and designing organizations, technical schools and scientific research institutes of the Ministries of Maritime and River Fleet, industrial shipbuilders, and other organizations.

A new stage in the development of steam engines has begun, characterized by conversion to high-pressure steam, intermediate superheating of steam, increase of speed, and replacement of open engines by improved types of covered engines.

Engineer F. Babiy of the Central Planning and Designing Bureau, Ministry of Maritime Fleet, reported on his invention of a mechanical means of steam distribution, which is more practical than the usual slide and valve distribution.

Docent I. Tarabrin read a report on efficient lubrication of ship steam engines, pointing out the definite advantages of damper lubrication, which should be widely used for high-speed, high-power engines. This kind of lubrication guarantees good protection of bearings, continuous and reliable purification of the lubricant and economical operation.

The conference adopted concrete decisions regarding technical scientific research and organizational questions related to the basic improvement of thermal engines, the increase of speed of steam engines, and the use of new designs for ship steam engines.

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MOSCOW SHIPYARD FULFILLS HALF-YEAR PLAN -- Vecherniyaya Moshva, No 128,
31 May 49

On 31 May workers of the Moscow Shipyard delivered five 150-horsepower Diesel towboats to the West Siberian Steamship Line and completed the half-year plan for shipbuilding. These boats are intended for use on small rivers. The shipyard has also fulfilled the half-year plan for the delivery of launches to customers. Workers have undertaken to fulfill the year plan by 5 December.

ARAL FISHERMEN GET BOATS -- Pravda Vostoka, No 117, 15 Jun 49

The Aral Shipyard is finishing the assembly of 11 motor-driven fishing boats received from Arkhangel'sk Oblast. Two powerful barges have been received from the Leningrad Shipbuilding Plant and will be put into service in the near future. Plants of the South Aral State Fishing Trust will receive another shipment of fishing boats before the end of the year.

OKHOTSK ENTERPRISE BUILDS FISHING BOATS -- Tikhookeanskaya Zvezda, No 119,
22 May 49

Until recently, enterprises on the Okhotsk coast had not undertaken production of "kugasy." Workers in the "kugasy" shop of the "Okhotsk" (Okhotsk Supply) have built three such boats by utilizing their own facilities. The shop's workers are giving practical assistance to carpenters of the Novo-Ustinskiy Fish Plant in building cargo "kugasy."

SRETEENSK PLANT EXPANSION PLAN IAGS -- Zabaykal'skiy Rabochiy, No 88, 7 May 49

The 1949 construction quota for the Sretensk Ship-Repair Plant has been increased 35 percent over 1948. Construction workers are scheduled to complete the first section of one of the shops by 7 November, an 8-apartment house by June, and two 2-story dormitories and other projects by July. The 1948 construction program was not fulfilled, and the first-quarter 1949 plan was only half completed.

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